

Crystal LTD TM SPEC Form

[www.crystaltherm.com](http://www.crystaltherm.com)

Customer

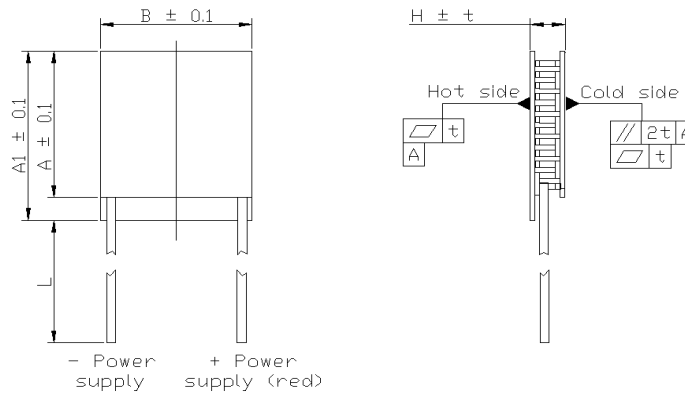
PO#

PO date

Thermoelectric module (TM) specification

PO position #	TM	Internal Solder Melting Temp, C	Max operating temperature, °C		Parameters in vacuum at hot side temperature 25 °C				Rac at 25 °C		Ceramic size, mm		TM Height		Wire			Sealing
			short peak	continuous operation	I <sub>max</sub> , A	U <sub>max</sub> , V	Q <sub>max</sub> , W	dT <sub>max</sub> , K	Rac, Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance ±, mm	S, mm <sup>2</sup>	Length, mm	Tolerance ±, mm	
1	S-031-07-10	138	130	115	2.2	3.9	5.5	72.5	1.33	10	10	10	2.40	0.2	0.12	100	5	
															MGTF(teflon)			
															or			
															AWG30 solid tinned uninsulated			

Clamping force: 0.7 - 3.7 kg



[www.crystaltherm.com](http://www.crystaltherm.com)

Max dT is reduced by 2-3K for silicon sealed and 1-2K for epoxy sealed versions.



### U(dT) at Thot=298K

